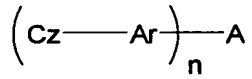
ABSTRACT

The present invention provides a carbozole derivative containing a fluorene group, represented by the following general formula (1) and an organic electroluminescence device containing the compound:



(1)

wherein Cz represents a substituted or unsubstituted carbazole group; Ar represents a substituted or unsubstituted aromatic hydrocarbon group, a substituted or unsubstituted aromatic heterocyclic group, or a substituted or unsubstituted condensation polycyclic aromatic group; A represents a substituted or unsubstituted fluorene group; and n is an integer of from 1 to 4. According to the present invention, a compound stable in thin film state and suitable as a host compound for an emission layer of an organic electroluminescence device or as a hole transporting material can be provided. By producing an organic electroluminescence device using the compound, emission efficiency and durability of the conventional organic electroluminescence device can be remarkably improved.